Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032318\
Data File : BF103870.D
Acq On : 23 Mar 2018 10:49
Operator : JU/SJ
Sample : J1992-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 23 13:28:15 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	150732	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	604432	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	287198	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	528930	20.00	ng	0.00
75) Chrysene-d12	14.17	240	495696	20.00	ng	0.00
86) Perylene-d12	15.74	264	442198	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	568643	57.38	ng	0.00
7) Phenol-d6	6.59	99	433605	35.76	ng	-0.01
23) Nitrobenzene-d5	7.54	82	952251	109.87	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	410424	166.21	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1602241	88.99	ng	0.00
78) Terphenyl-d14	13.10	244	1718968	80.49	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.54	70	125275	16.123	ng	# 73
25) Isophorone	7.54	82	947595	47.227	ng	# 64
26) 2-Nitrophenol	8.09	139	646	9.580	ng	# 46
32) Benzoic acid	7.96	122	1879	10.151	ng	91
47) 2-Nitroaniline	9.55	65	276	6.862	ng	# 52
50) 2,6-Dinitrotoluene	10.02	165	38688	12.353	ng	# 26
52) 3-Nitroaniline	9.96	138	802	3.960	ng	# 18
53) 2,4-Dinitrophenol	9.99	184	659	7.494	ng	# 30
55) 4-Nitrophenol	10.12	139	626	5.116	ng	# 13
56) 2,4-Dinitrotoluene	10.29	165	1299	6.424	ng	# 74
61) 4-Nitroaniline	10.59	138	272	3.801	ng	# 56
64) 4,6-Dinitro-2-methylphenol	10.81	198	967	8.664	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	24413	4.495	ng	# 1

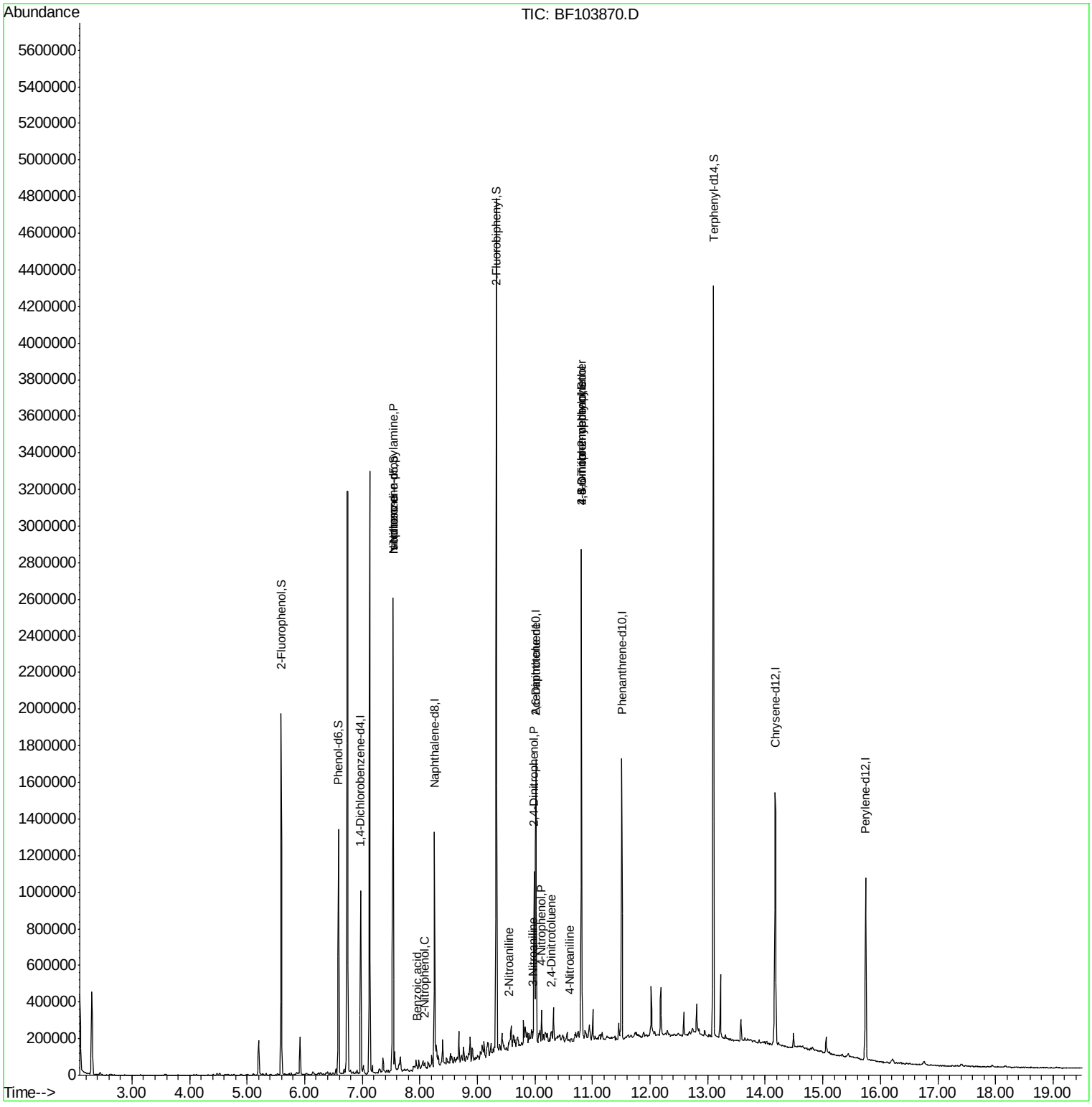
(#) = qualifier out of range (m) = manual integration (+) = signals summed

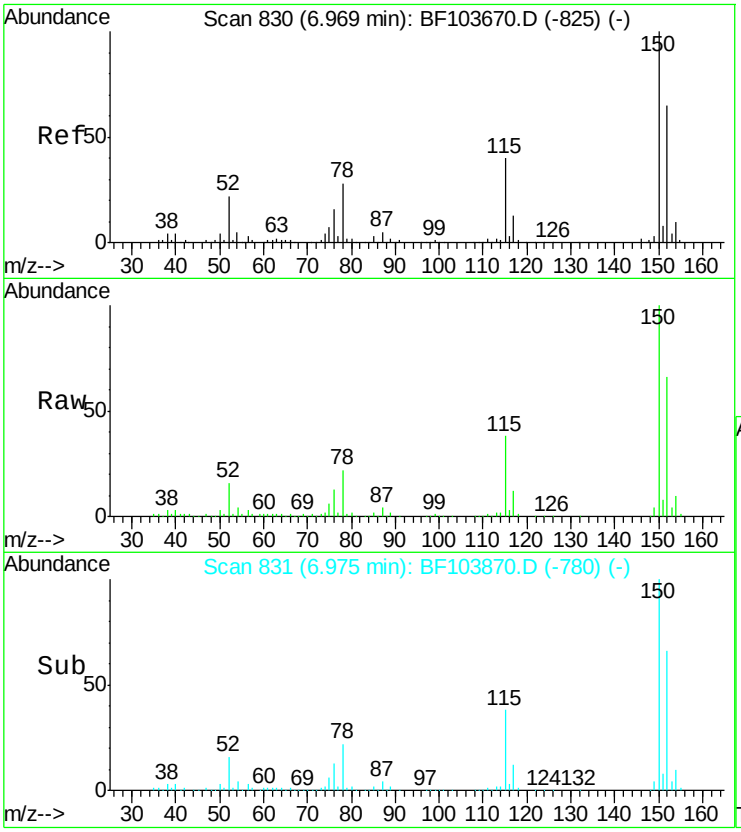
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032318\
Data File : BF103870.D
Acq On : 23 Mar 2018 10:49
Operator : JU/SJ
Sample : J1992-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 23 13:28:15 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 13:26:17 2018
Response via : Initial Calibration



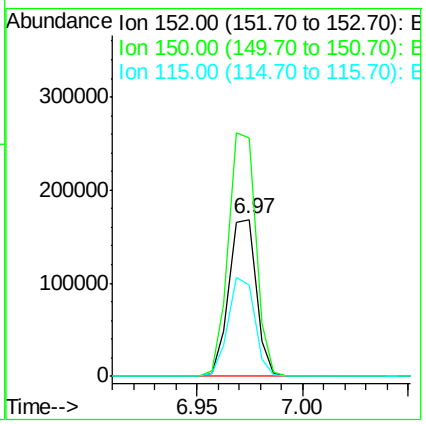


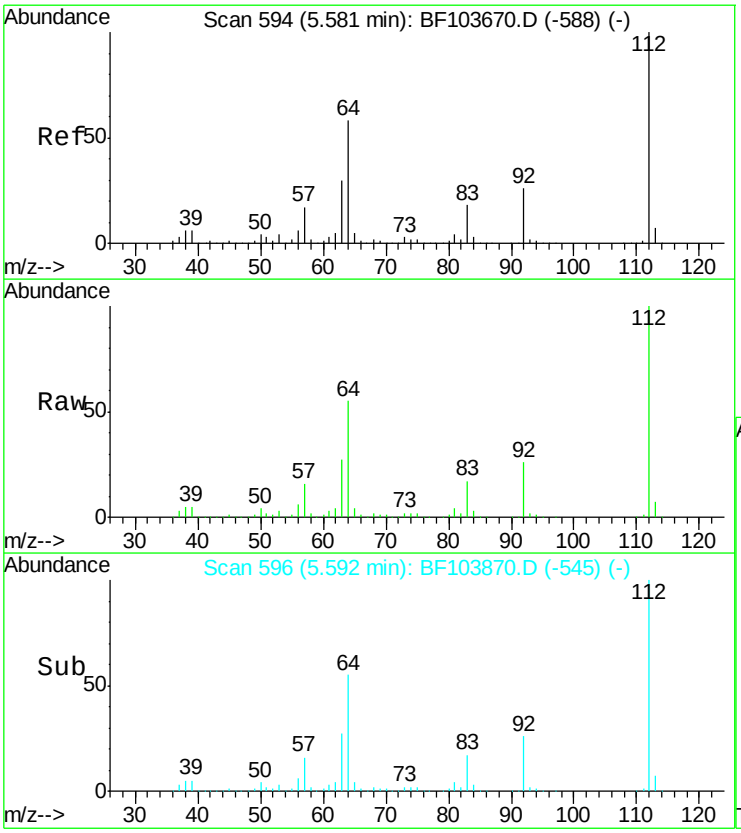
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103870.D
Acq: 23 Mar 2018 10:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 150732

Ion	Ratio	Lower	Upper
152	100		
150	152.5	124.6	186.8
115	57.9	50.1	75.1

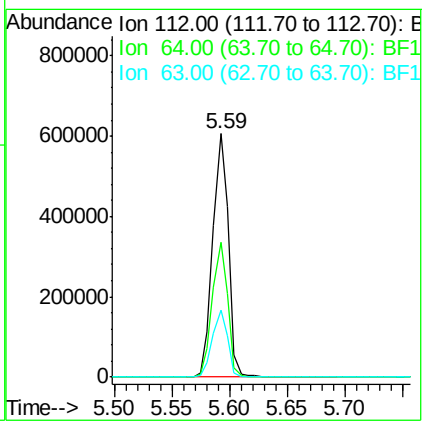


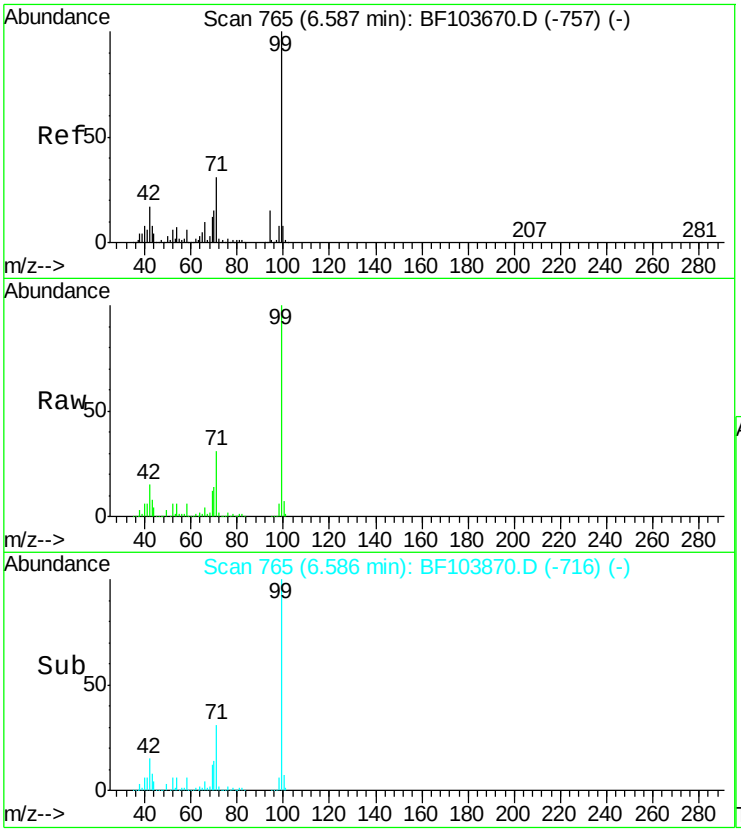


#5
2-Fluorophenol
Concen: 57.380 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF103870.D
Acq: 23 Mar 2018 10:49

Tgt Ion:112 Resp: 568643

Ion	Ratio	Lower	Upper
112	100		
64	55.4	47.9	71.9
63	27.3	23.7	35.5



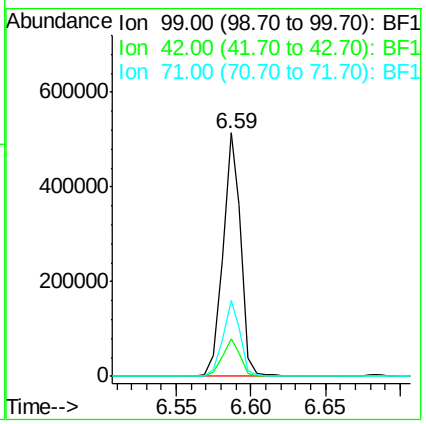


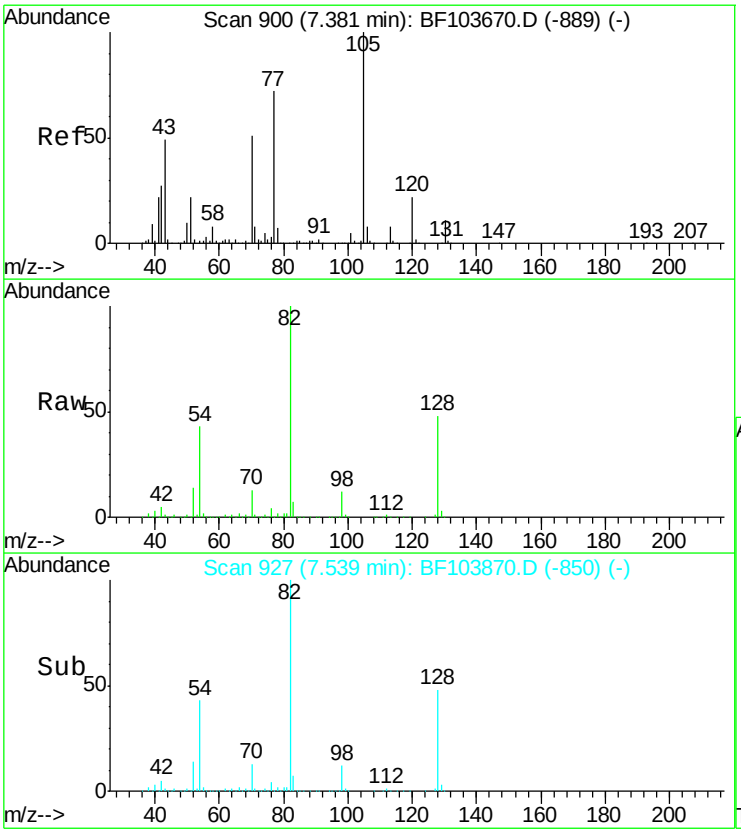
#7
Phenol-d6
Concen: 35.763 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF103870.D
Acq: 23 Mar 2018 10:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 433605

Ion	Ratio	Lower	Upper
99	100		
42	15.4	14.5	21.7
71	31.3	25.4	38.0

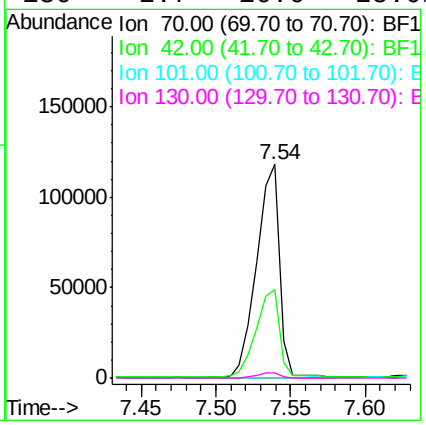


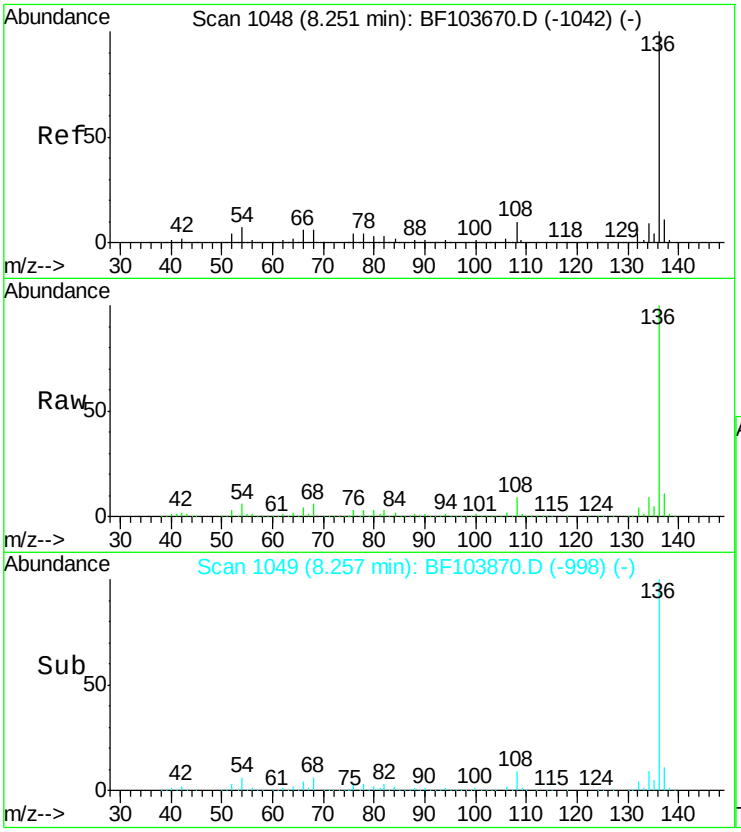


#19
n-Nitroso-di-n-propylamine
Concen: 16.123 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.15 min
Lab File: BF103870.D
Acq: 23 Mar 2018 10:49

Tgt Ion: 70 Resp: 125275

Ion	Ratio	Lower	Upper
70	100		
42	41.6	47.5	71.3#
101	0.0	7.4	11.2#
130	2.7	16.6	25.0#



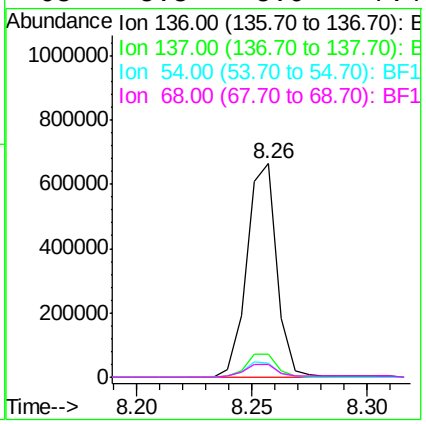


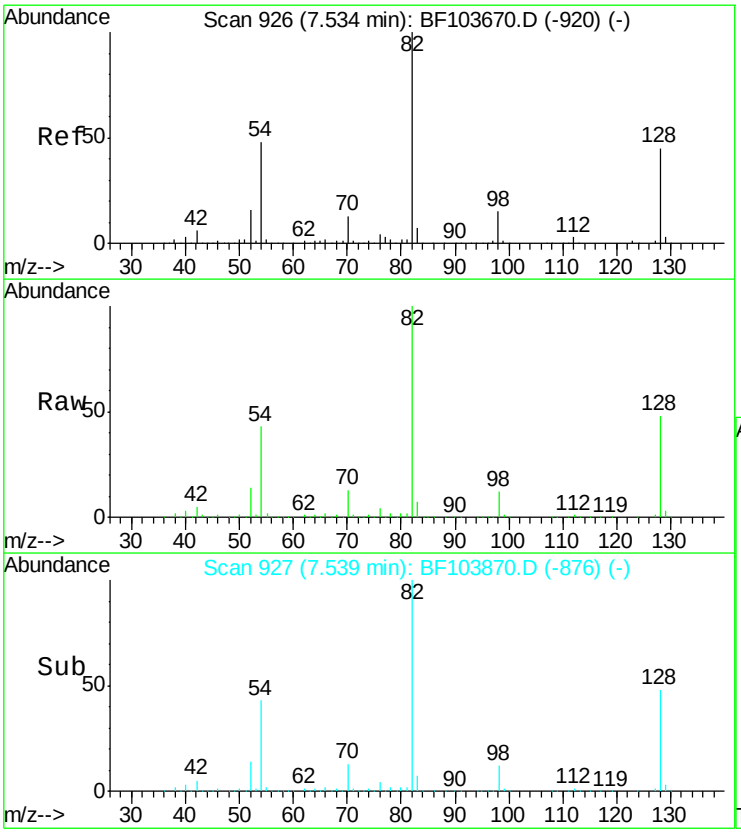
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF103870.D
Acq: 23 Mar 2018 10:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 604432

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.5	6.6	9.8#
68	5.8	5.0	7.4

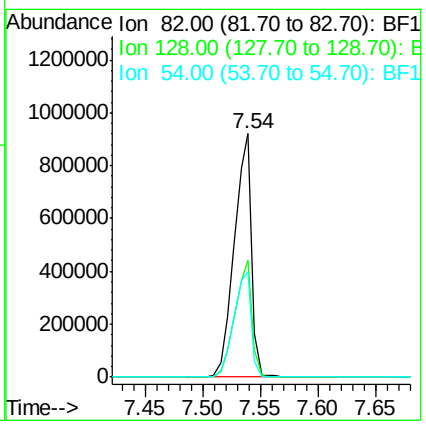


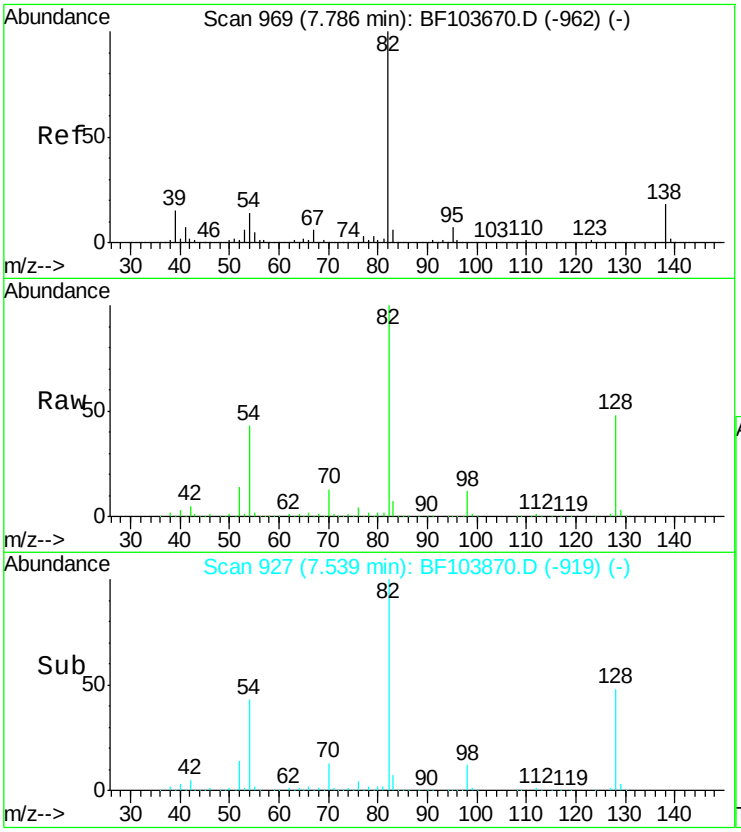


#23
Nitrobenzene-d5
Concen: 109.865 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF103870.D
Acq: 23 Mar 2018 10:49

Tgt Ion: 82 Resp: 952251

Ion	Ratio	Lower	Upper
82	100		
128	48.0	36.1	54.1
54	43.4	41.4	62.2



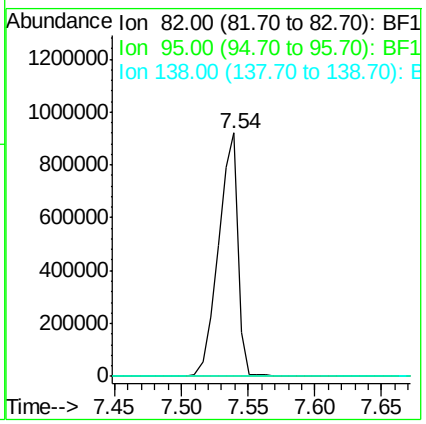


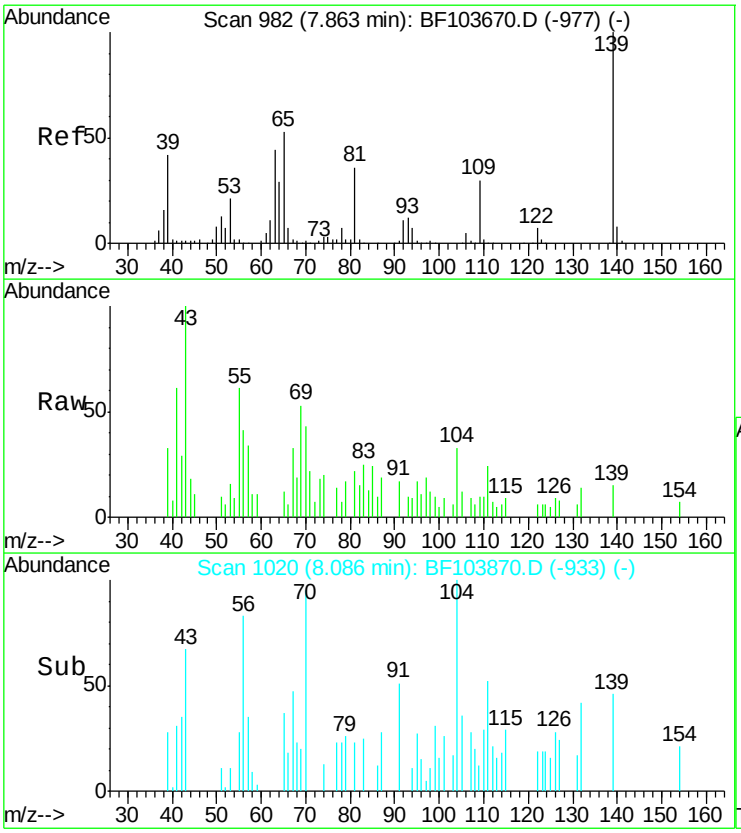
#25
Isophorone
Concen: 47.227 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.25 min
Lab File: BF103870.D
Acq: 23 Mar 2018 10:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 947595

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#

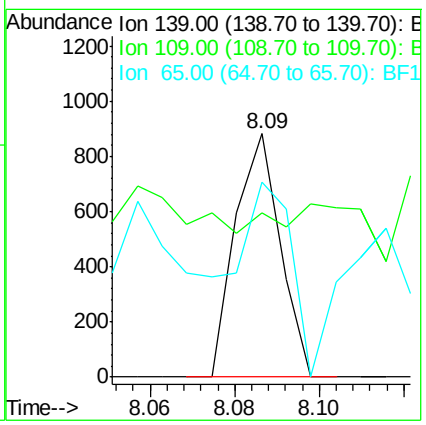


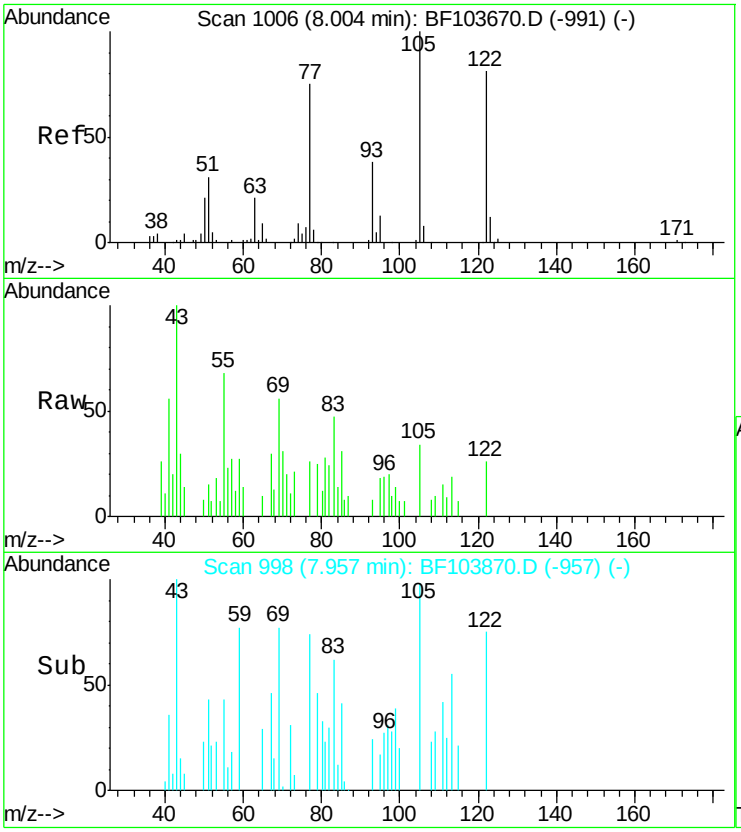


#26
2-Nitrophenol
Concen: 9.580 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.21 min
Lab File: BF103870.D
Acq: 23 Mar 2018 10:49

Tgt Ion:139 Resp: 646

Ion	Ratio	Lower	Upper
139	100		
109	67.5	22.7	34.1#
65	80.0	40.5	60.7#



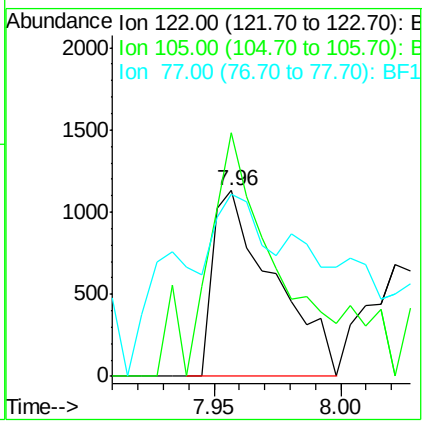


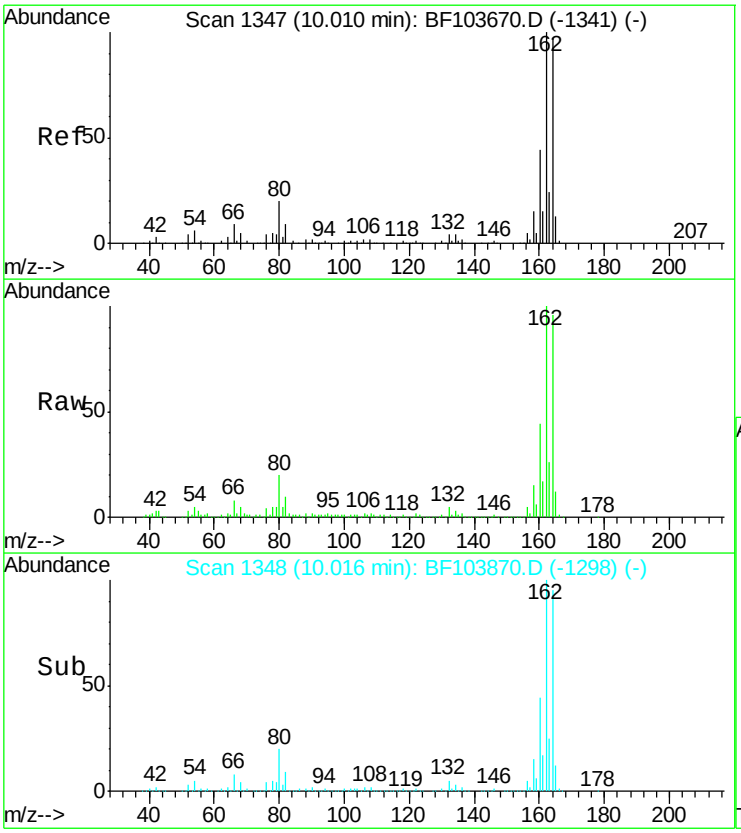
#32
Benzoic acid
Concen: 10.151 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.06 min
Lab File: BF103870.D
Acq: 23 Mar 2018 10:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 1879

Ion	Ratio	Lower	Upper
122	100		
105	131.0	101.1	141.1
77	98.3	70.7	110.7

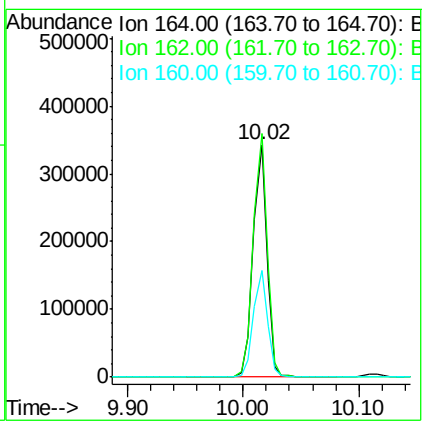


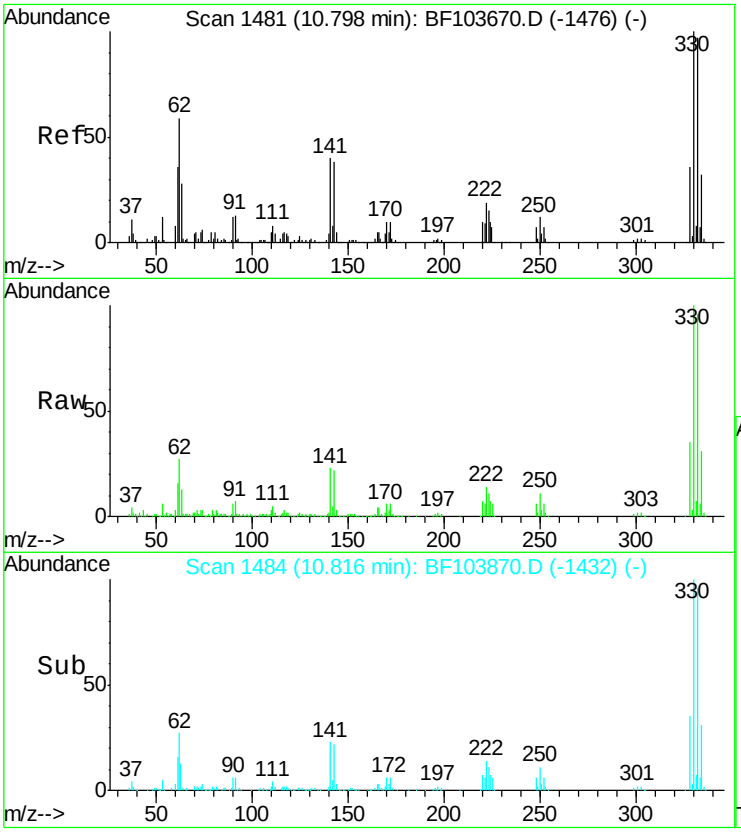


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF103870.D
Acq: 23 Mar 2018 10:49

Tgt Ion:164 Resp: 287198

Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	46.0	38.3	57.5



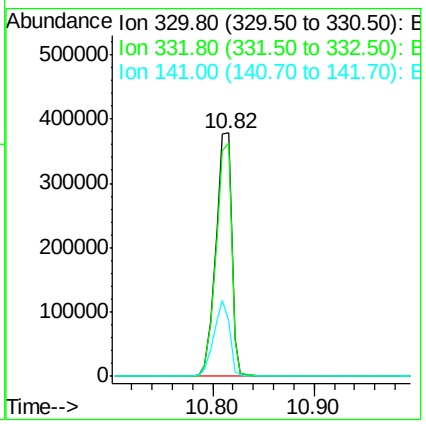


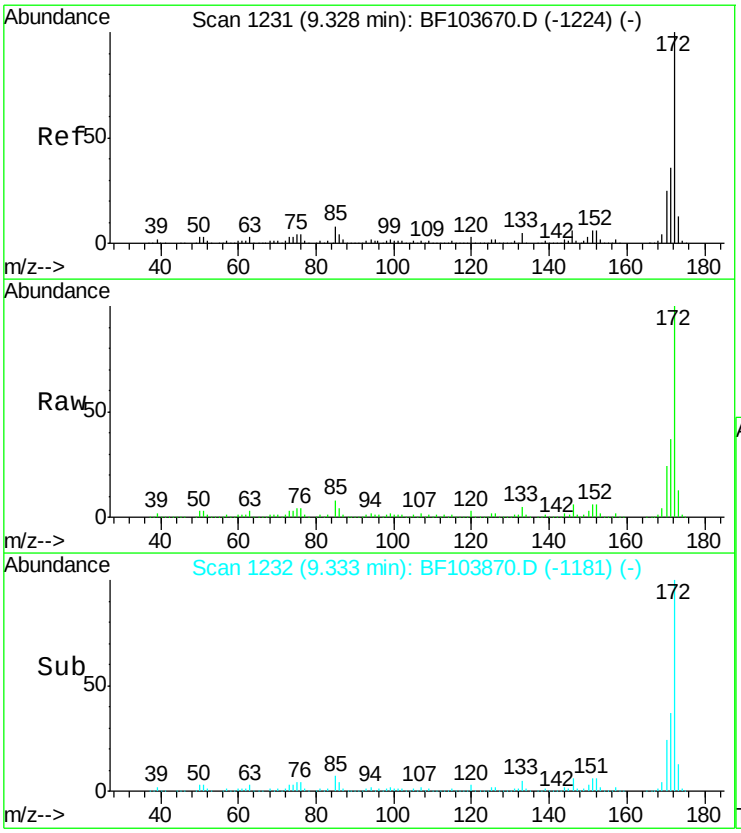
#41
2,4,6-Tribromophenol
Concen: 166.208 ng
RT: 10.82 min Scan# 1484
Delta R.T. 0.01 min
Lab File: BF103870.D
Acq: 23 Mar 2018 10:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 410424

Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	30.5	29.9	44.9

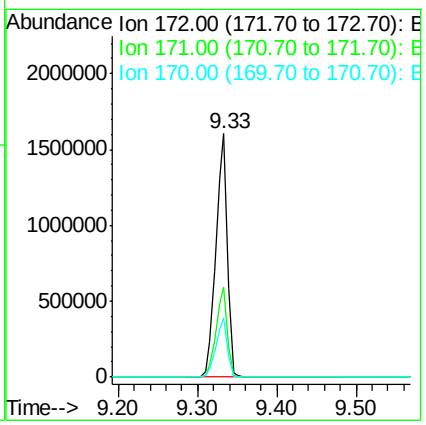


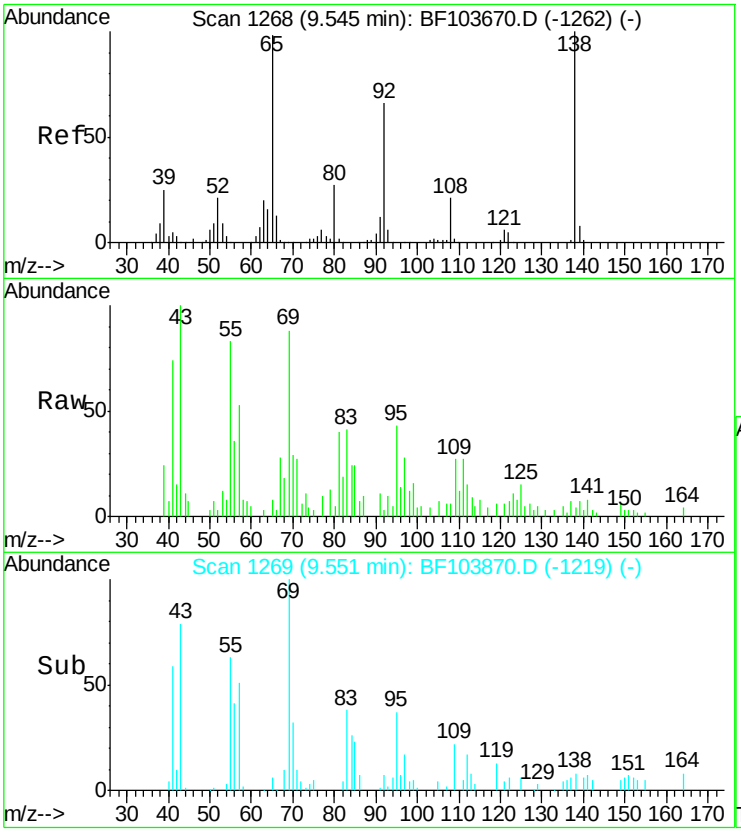


#44
2-Fluorobiphenyl
Concen: 88.991 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BF103870.D
Acq: 23 Mar 2018 10:49

Tgt Ion:172 Resp: 1602241

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.3	19.6	29.4



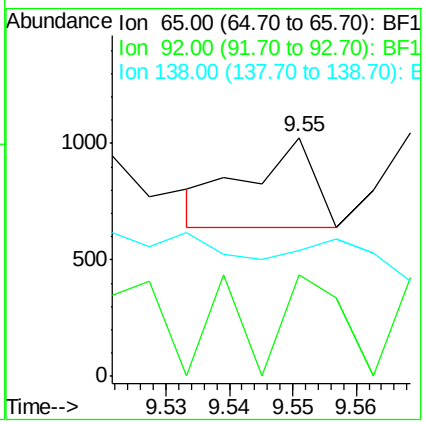


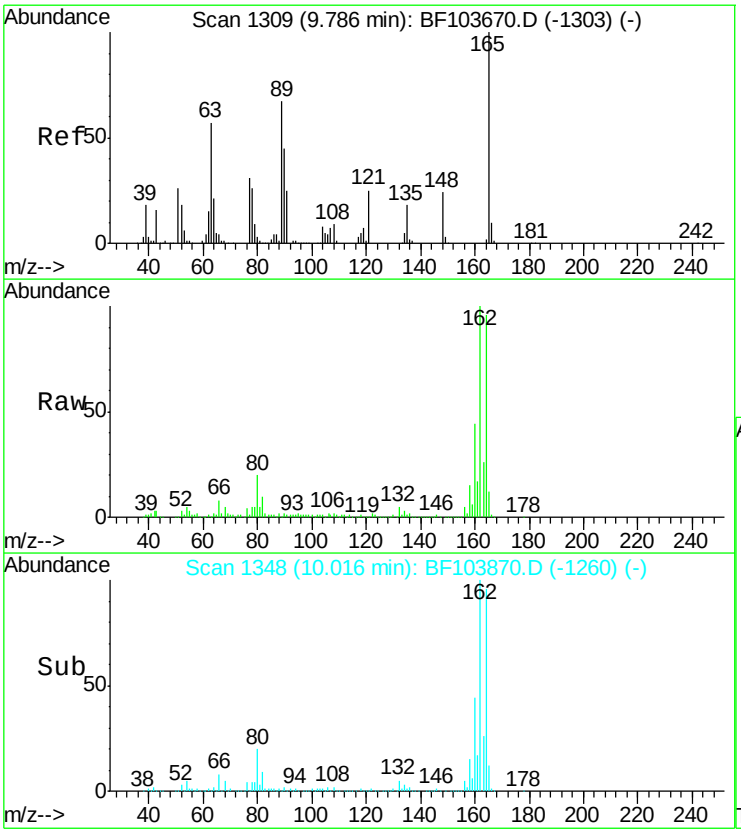
#47
2-Nitroaniline
Concen: 6.862 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF103870.D
Acq: 23 Mar 2018 10:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 276

Ion	Ratio	Lower	Upper
65	100		
92	42.5	55.8	83.6#
138	52.6	91.2	136.8#

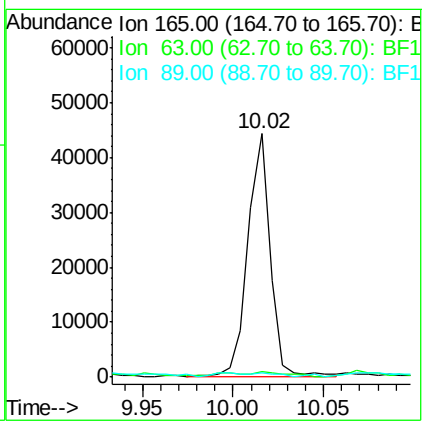


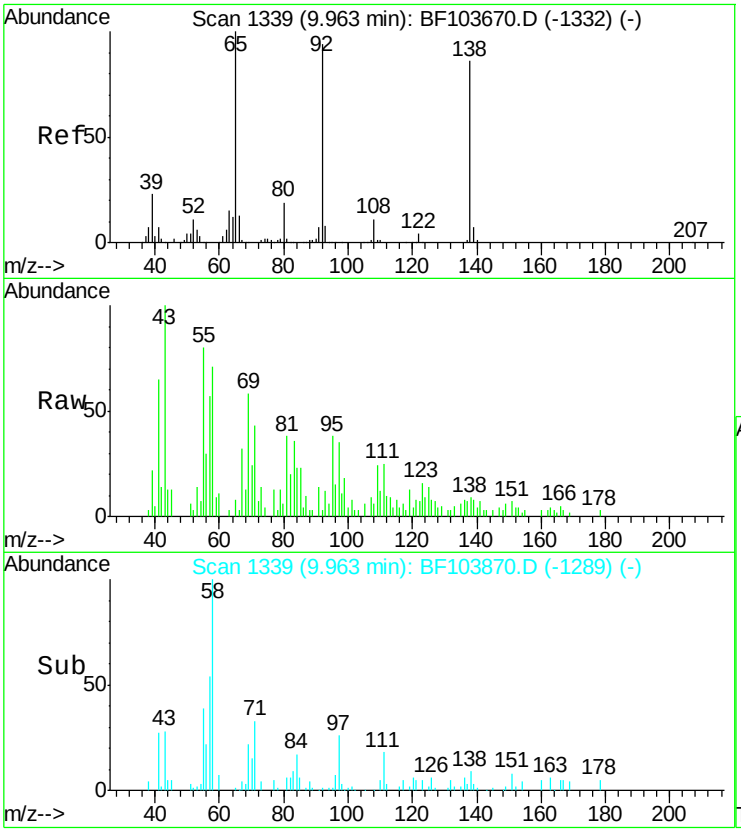


#50
2,6-Dinitrotoluene
Concen: 12.353 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.22 min
Lab File: BF103870.D
Acq: 23 Mar 2018 10:49

Tgt Ion:165 Resp: 38688

Ion	Ratio	Lower	Upper
165	100		
63	2.1	44.7	67.1#
89	1.9	44.0	66.0#



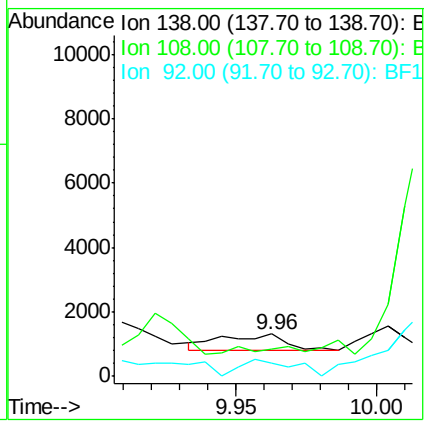


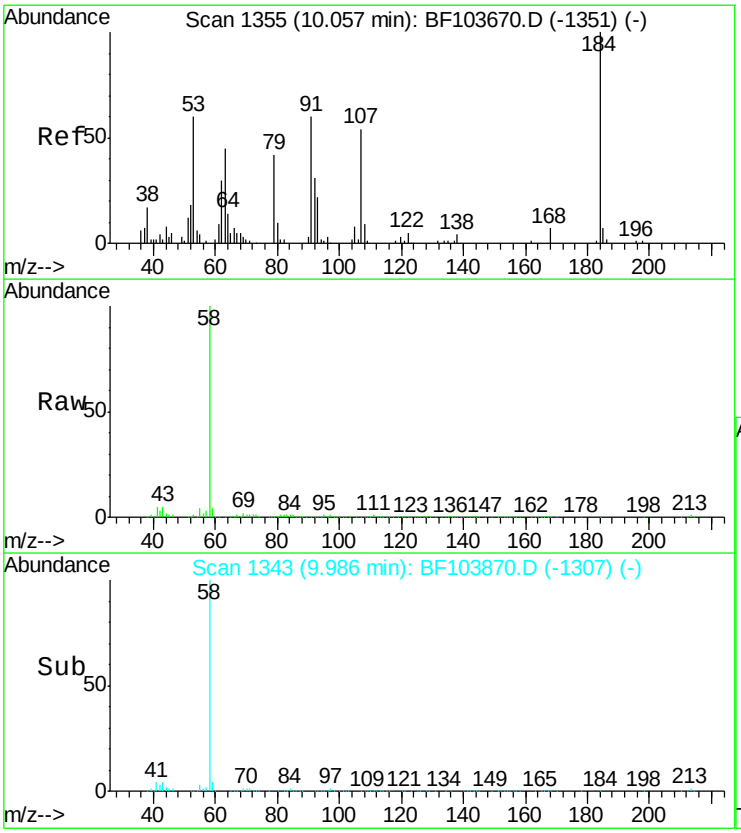
#52
3-Nitroaniline
Concen: 3.960 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF103870.D
Acq: 23 Mar 2018 10:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 802

Ion	Ratio	Lower	Upper
138	100		
108	64.4	9.4	14.0#
92	30.0	89.4	134.2#

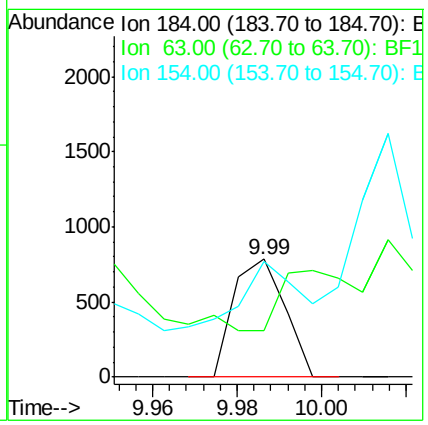


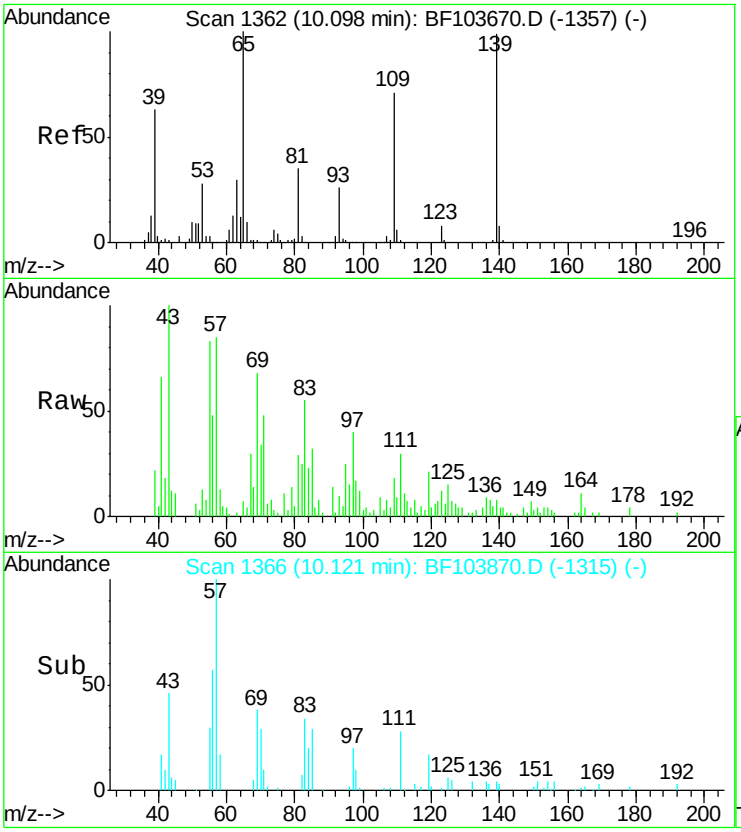


#53
2,4-Dinitrophenol
Concen: 7.494 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.09 min
Lab File: BF103870.D
Acq: 23 Mar 2018 10:49

Tgt Ion:184 Resp: 659

Ion	Ratio	Lower	Upper
184	100		
63	39.1	54.2	81.2#
154	97.7	184.0	276.0#



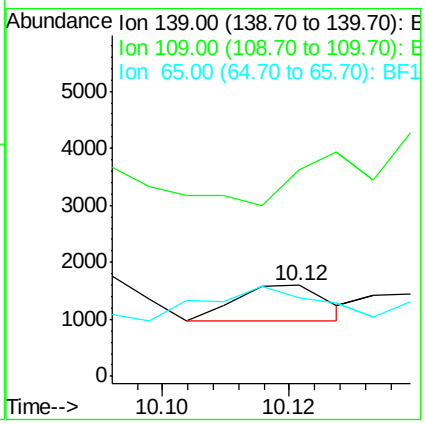


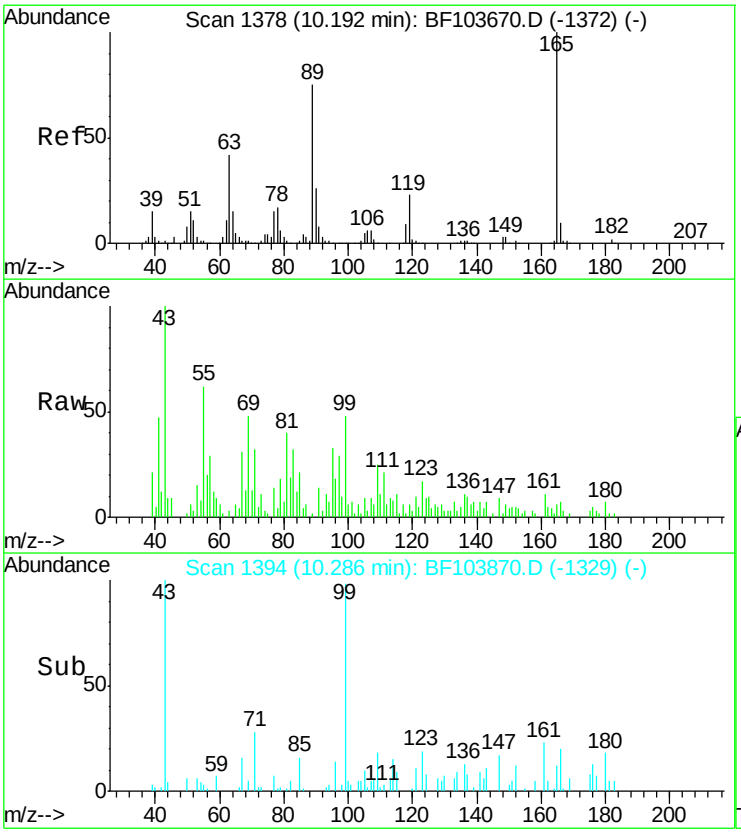
#55
4-Nitrophenol
Concen: 5.116 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF103870.D
Acq: 23 Mar 2018 10:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 626

Ion	Ratio	Lower	Upper
139	100		
109	227.7	48.4	88.4#
65	86.4	72.6	112.6

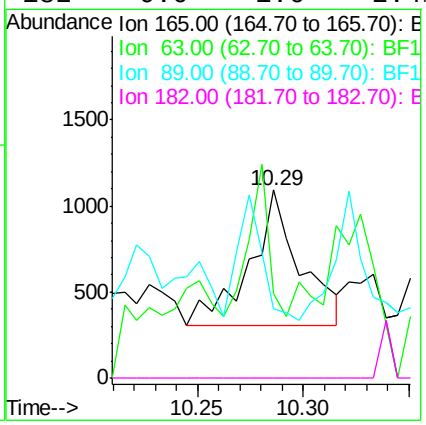


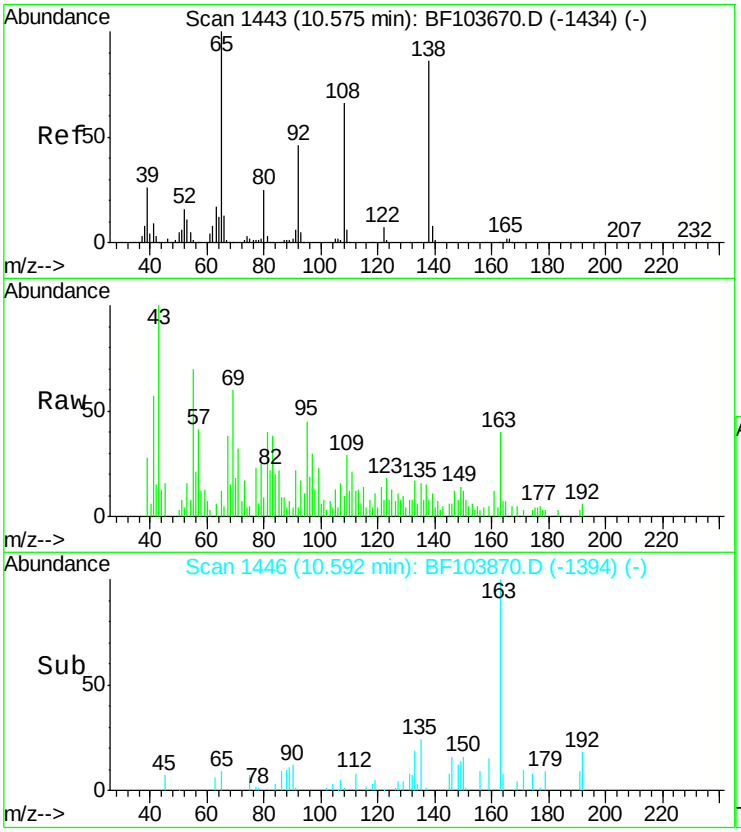


#56
2,4-Dinitrotoluene
Concen: 6.424 ng
RT: 10.29 min Scan# 1394
Delta R.T. 0.08 min
Lab File: BF103870.D
Acq: 23 Mar 2018 10:49

Tgt Ion:165 Resp: 1299

Ion	Ratio	Lower	Upper
165	100		
63	44.8	36.4	54.6
89	36.6	57.8	86.6#
182	0.0	1.6	2.4#



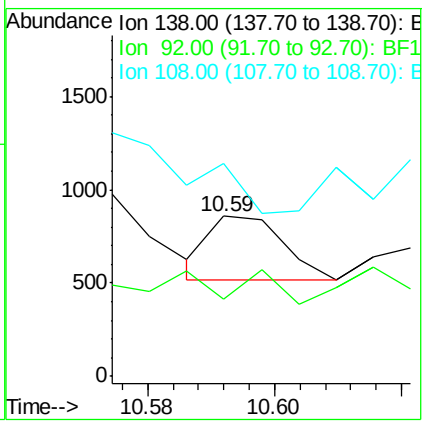


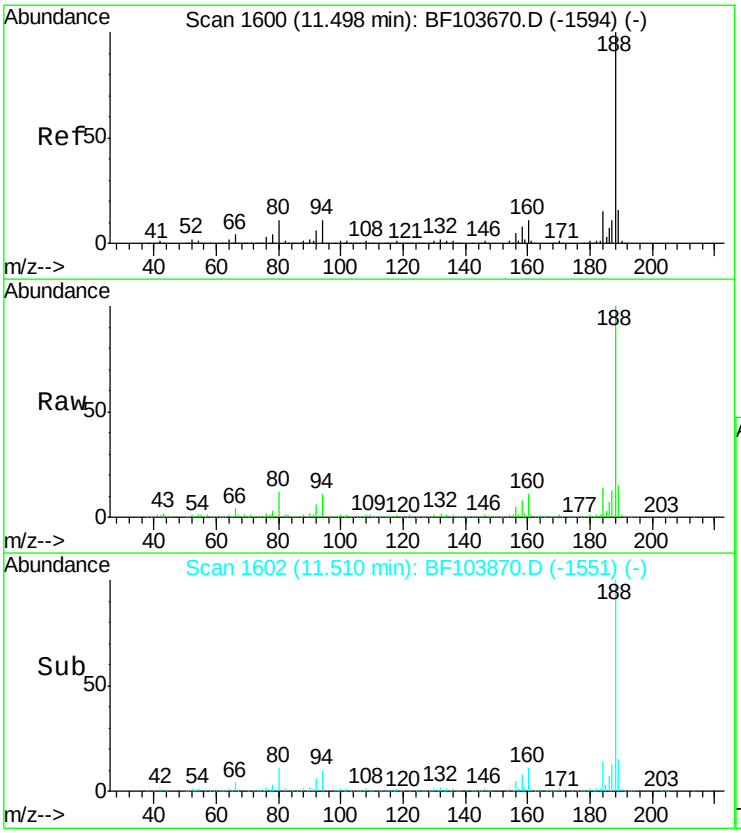
#61
4-Nitroaniline
Concen: 3.801 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF103870.D
Acq: 23 Mar 2018 10:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 272

Ion	Ratio	Lower	Upper
138	100		
92	48.5	30.2	70.2
108	132.9	52.5	92.5#

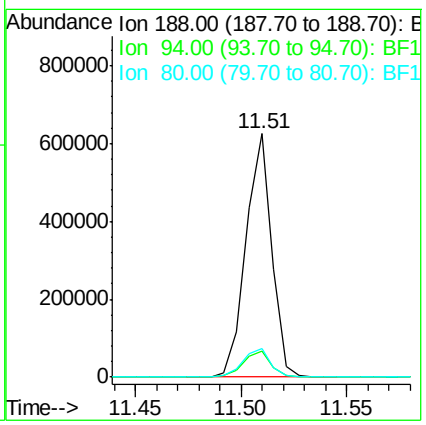


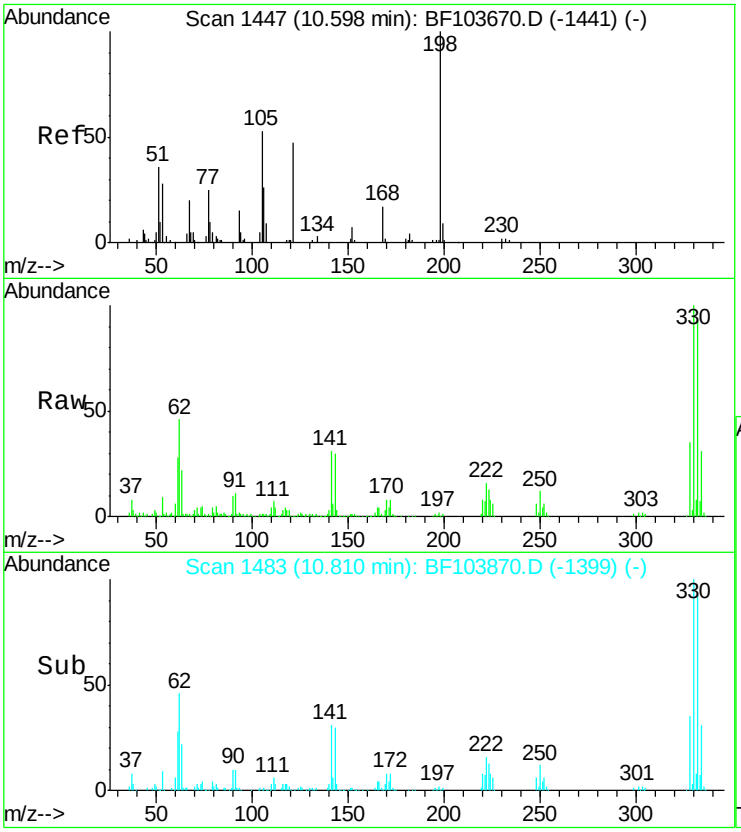


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BF103870.D
Acq: 23 Mar 2018 10:49

Tgt Ion:188 Resp: 528930

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.5	9.2	13.8



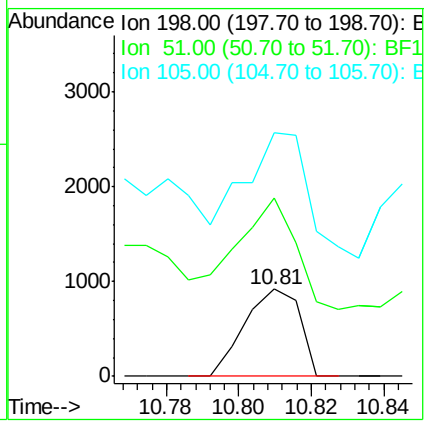


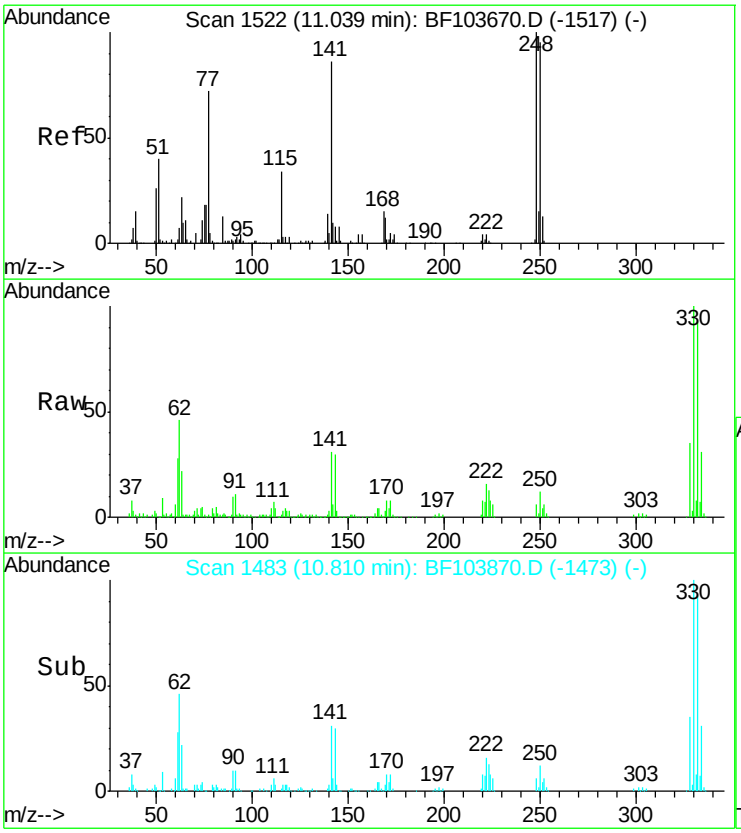
#64
4,6-Dinitro-2-methylphenol
Concen: 8.664 ng
RT: 10.81 min Scan# 1483
Delta R.T. 0.19 min
Lab File: BF103870.D
Acq: 23 Mar 2018 10:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 967

Ion	Ratio	Lower	Upper
198	100		
51	205.1	37.7	77.7#
105	279.7	36.3	76.3#

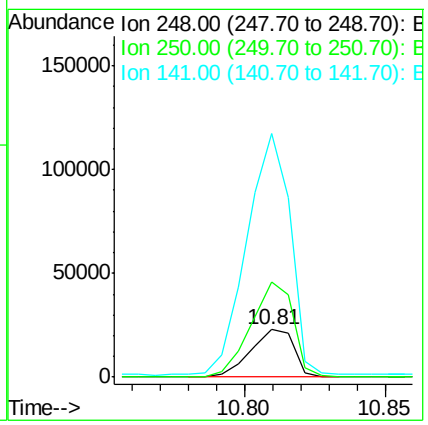


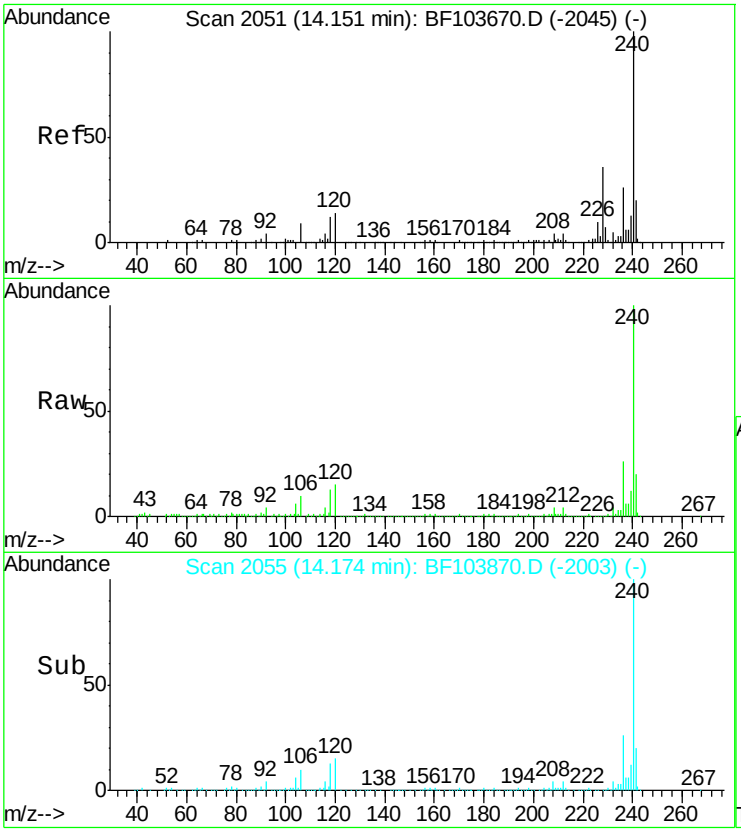


#66
4-Bromophenyl-phenylether
Concen: 4.495 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.24 min
Lab File: BF103870.D
Acq: 23 Mar 2018 10:49

Tgt Ion:248 Resp: 24413

Ion	Ratio	Lower	Upper
248	100		
250	200.8	76.9	115.3#
141	513.2	74.4	111.6#



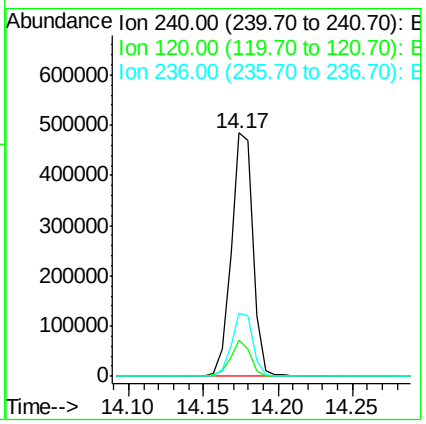


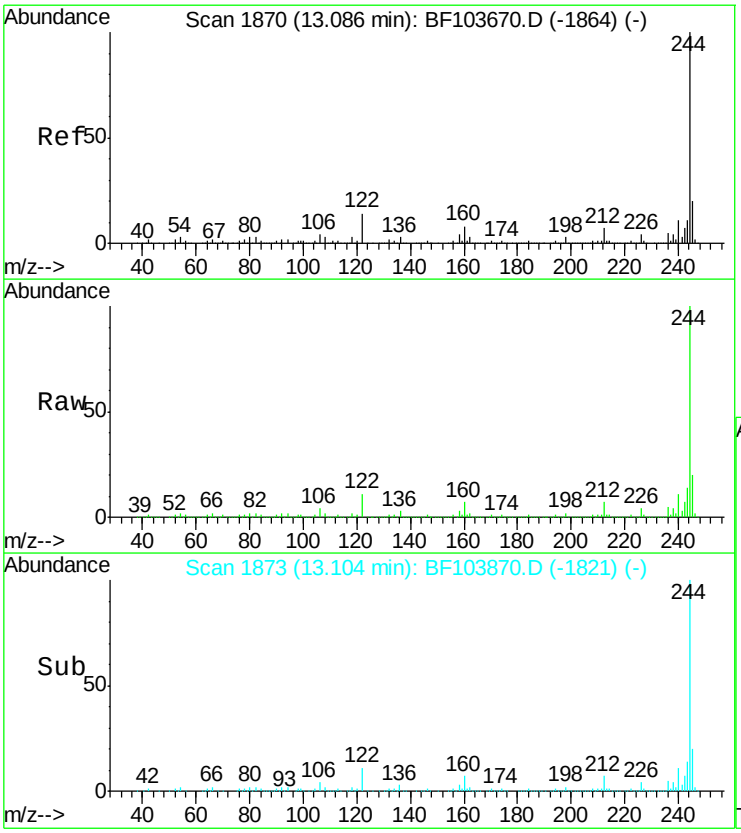
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2055
Delta R.T. 0.01 min
Lab File: BF103870.D
Acq: 23 Mar 2018 10:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 495696

Ion	Ratio	Lower	Upper
240	100		
120	14.7	9.5	14.3#
236	26.2	20.7	31.1

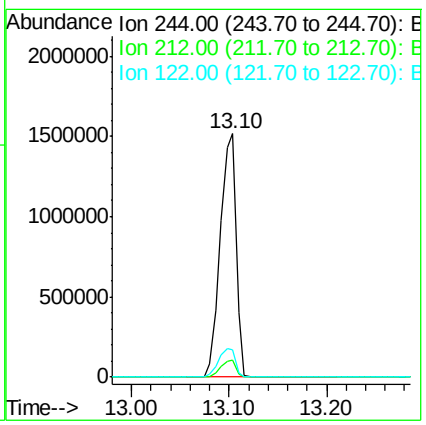


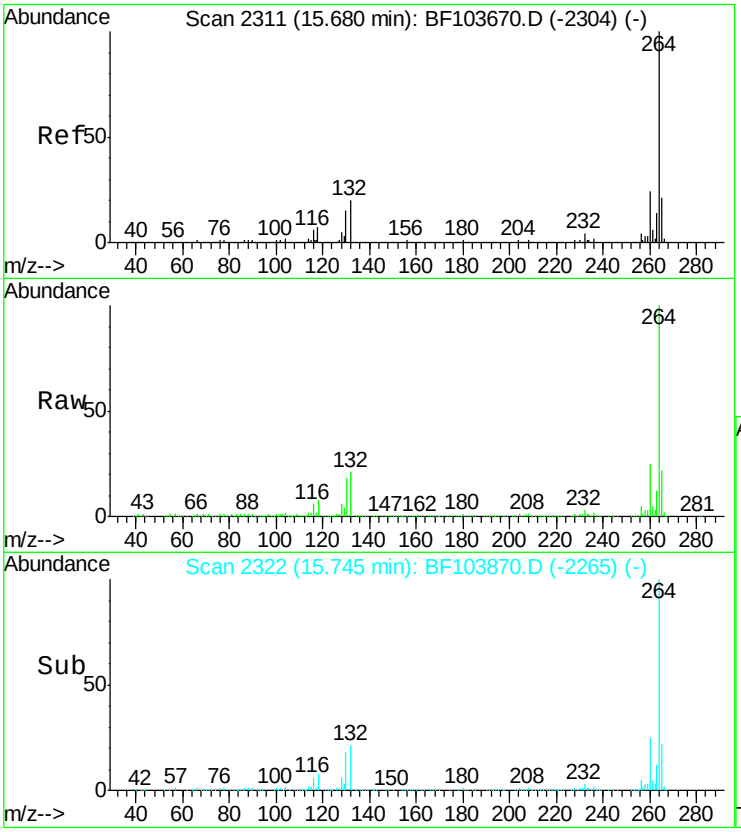


#78
Terphenyl-d14
Concen: 80.492 ng
RT: 13.10 min Scan# 1873
Delta R.T. 0.01 min
Lab File: BF103870.D
Acq: 23 Mar 2018 10:49

Tgt Ion:244 Resp: 1718968

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.5	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.74 min Scan# 2322
Delta R.T. 0.04 min
Lab File: BF103870.D
Acq: 23 Mar 2018 10:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 442198

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.2	28.8
265	21.9	17.5	26.3